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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Matter of the Application of: Rudolph et al.

Serial No.: 10/780,265

Filed: 2/16/2004

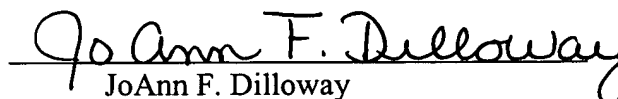
For: **Pressure Gradient CVI/CVD Apparatus and Method**

Examiner: Unknown

Group Art Unit: Unknown

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 9, 2004.


JoAnn F. Dilloway

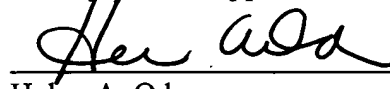
**INFORMATION DISCLOSURE
STATEMENT TRANSMITTAL LETTER**

Sir:

An Information Disclosure Statement is submitted herewith pursuant to 37 CFR §§1.97-1.98. The enclosed statement is being filed within three months of the filing date of a national application, or within three months of the date of entry into the national stage as set forth in 37 CFR §1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever event occurs last.

Respectfully submitted,

Rudolph et al., Applicants



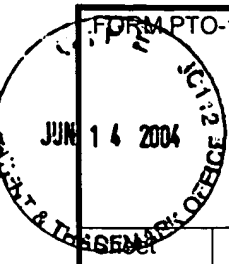
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FORM PTO-1449

**U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Complete if Known	
Application Number	10/780,265
Filing Date	2/16/2004
First Named Inventor	Rudolph et al.
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	40534-926

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of

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U. S. PATENT DOCUMENTS						
Examiner Initials	Document Number	Date	Name	Class	Sub-Class	Filing Date
	5,904,957	5/18/1999	Christin et al.	427	248.1	4/17/1996
	5,853,485	12/29/98	Rudolph et al.	118	715	5/6/1997
	5,480,678	1/2/1996	Rudolph et al.	427	248.1	11/16/1994
	4,895,108	1/23/1990	Caputo et al.	118	728	6/22/1988
	4,790,052	12/13/1998	Olry	28	110	6/23/1986
	4,580,524	4/8/1986	Lackey, Jr. et al.	118	725	9/7/1984
	4,212,906	7/15/1980	Fisher et al.	427	237	9/19/1978
	4,134,360	1/16/1979	Fisher et al.	118	728	8/8/1977

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Document Number	Date	Country	Class	Sub-Class	TRNS Y/N

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	W. V. Kotlensky; <i>Deposition of Pyrolytic Carbon in Porous Solids</i> ; Chemistry and Physics of Carbon, Vol. 9, 173, 190-203 (1973)
	W. J. Lackey; <i>Review, Status, and Future of the Chemical Vapor Infiltration Process for Fabrication of Fiber-Reinforced Ceramic Composites</i> ; Ceram. Eng. Sci. Proc. 10[7-8] 577-584 (1989)
	S. Kamura, N. Takase, S. Kasuya, & E. Yasuda; <i>Fracture Behaviour of C Fiber/CVD C Composite</i> ; Carbon '80 (German Ceramic Society) (1980)
	A. J. Caputo & W. J. Lackey; <i>Fabrication of Fiber-Reinforced Ceramic Composites by Chemical Vapor Infiltration</i> ; Prepared by the Oak Ridge National Laboratory for the U. S. Department of Energy under Contract No. DE-AD05-84OR21400 (1984)
	T. Hunh, C. V. Burkland, & B. Bustamante; <i>Densification of a Thick Disk Preform with Silicon Carbide Matrix by a CVI Process</i> ; Ceram. Eng. Proc 12[9-10] pp. 2005-2014 (1991)
	T. M. Besmann, R. A. Lowden, D. P. Stinton, & T. L. Starr; <i>A Method for Rapid Chemical Vapor Infiltration of Ceramic Composites</i> , Journal De Physique, Colloque C5, supplement au n 5, Tome 50 (1989)
	T. D. Gulden, J. L. Kaae, & K. P. Norton; <i>Forced-Flow Thermal Gradient Chemical Vapor Infiltration (CVI) of Ceramic Matrix Composites</i> ; Proc.-Electrochemical Society (1990), 90-112 (Proc. Int. Conf. Checm. Vap. Deposition, 11th, 1990) 546-552

Examiner Signature		Date Considered	
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.